

Abstract

1 A surface acoustic wave device includes a transducer electrode formed on a
2 substrate. In one aspect, the electrode has a plurality of layers. At least one of the
3 layers is metal and another of the layers is a material for providing a hardening effect
4 to the metal layer by reinforcement with Al_2O_3 precipitates. In another aspect, the
5 electrode is electrically connected to a metal component that permits electrical
6 connection of the surface acoustic wave device to an electrical device external to the
7 surface acoustic wave device. The electrode has a metal portion of a first
8 metallization. The component is of a second, different metallization. In other aspects,
9 the surface acoustic wave device is made via a method to have such structural aspects.